

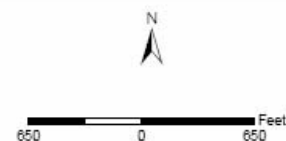
**TRLIA**

**Yuba River  
Phase IV  
Levee Repairs**



Reach	Issue	Levee Treatment
A	Erosion	Levee Waterside Slope Erosion Protection
B	Freeboard	Raise Crown 0.4 feet by Full Levee Raise (Waterside)
C	Oversteepened Slope	Flatten Waterside Slope to 3:1
D	Freeboard	Raise Crown 0.4 feet by Full Levee Raise (Waterside)
E	Under-Seepage and Through-Seepage	Slurry Cutoff Wall 80 feet deep, Raise Crown 0.4 feet by Full Levee Raise (Waterside), and Corner Seepage Berm

-  Elderberry Shrub
-  Reach Segment
-  Temporary Impact
-  Permanent Impact



Aerial Photo Source: HDR 2001

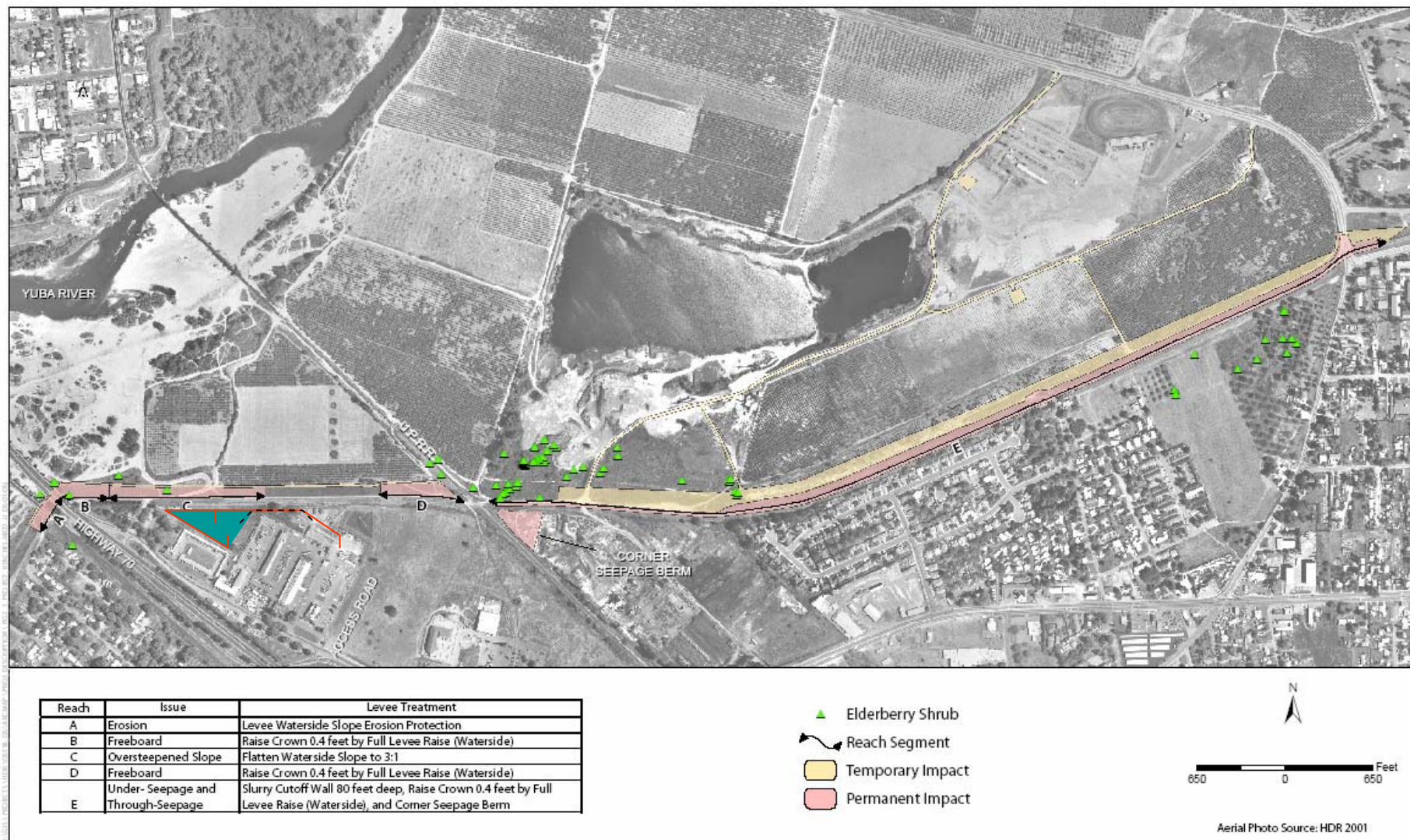
# **TRLIA**

**Questions regarding  
3:1 levee slope  
Reach C**

# **TRLIA**

**Caltrans Detention Basin  
Reclamation District 784  
Yuba River, south levee**

































# Permit No. 18095 GM

## Special Conditions

THIRTEEN: Prior to construction, the permittee shall provide the Sacramento and San Joaquin Drainage District, ... , a permanent easement granting all flood control rights upon, over and across the property to be occupied by the existing or to-be-constructed levee and seepage berm. The easement must include the area within the floodway, the levee section, the area ten(10) feet in width adjacent to the landward levee toe and landward toe of the seepage berm ...



# Permit No. 18095 GM

## Special Conditions

SIXTY-TWO: The seepage berm is considered a Flood Control Project feature and is subject to Title 23 California Code of Regulations

# Conclusions

- The project is an unauthorized encroachment on the flood control project.
- An approved Board permit was required prior to implementation of the project.

# Board Direction?